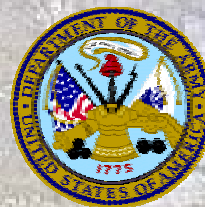


# Central Region Review



## U.S. Army Environmental Center Central Regional Office Kansas City, Missouri



★ DECEMBER 2003 ★

★ REGIONS 6 & 7 ★

The *CENTRAL REGION REVIEW* provides current information on significant federal and state legislative and regulatory developments in federal Regions 6 and 7. The *REVIEW* is prepared by Versar, Inc., in support of the Central Regional Environmental Office, to assist you in your compliance efforts. Current and past issues of this *REVIEW*, as well as regional updates and alerts, are available on the Internet at <http://aec.army.mil/usaec/reo/creo00.html>. Please e-mail [CREO.regulatory.specialist@nw02.usace.army.mil](mailto:CREO.regulatory.specialist@nw02.usace.army.mil) or call (816) 983-3327 if you have any questions or suggestions, or if you would like to subscribe to the *REVIEW*.

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### GENERAL INFORMATION

**Perchlorate Background Information Available on Denix.** The following information is available on the Defense Environmental Information eXchange (DENIX) site: *Department of Defense General Facts About Perchlorate*, *Department of Defense Perchlorate Update: Health Effects of Perchlorate* and *Department of Defense Perchlorate Update: Military Uses of Perchlorate*. These DoD publications can be found at <https://www.denix.osd.mil/denix/Public/Library/Water/Perchlorate/perchlorate.html>

**EPA Launches Permitting For Environmental Results.** EPA has launched a major initiative to strengthen its core wastewater-permitting program under the Clean Water Act. Assistant Administrator G. Tracy Mehan III launched the Permitting for Environmental Results ("PER") Strategy in recognition of the numerous challenges facing the National Pollutant Discharge Elimination System (NPDES) permitting program – including continuing impairment of the nation's waterways, a backlog of expired NPDES permits, and legal challenges to state permitting programs. The PER Strategy describes a partnership between EPA permitting and enforcement authorities, and their state counterparts, to improve the environmental effectiveness, efficiency, and fundamental integrity of the NPDES program. It has three key components:

- Permit prioritization: Giving priority to issuance of the most environmentally significant permits in a watershed;
- Permit streamlining: Encouraging practices that improve the efficiency of permit issuance;
- Program integrity: Using a management system to continuously assess and improve the performance of state and EPA permitting programs.

In an October 2003 memorandum, Assistant Administrator Mehan addressed the program integrity component of the PER Strategy by initiating the Program Integrity Management System – a set of tools that will enable EPA and states to assess the integrity of the NPDES program, identify strengths and shortfalls, and promote continuous improvement. Between now and next spring, EPA and state NPDES authorities will use state self-assessments and data on program performance to prepare state profiles highlighting the strengths and shortfalls of individual permitting programs. The management system also provides for periodic reassessments and discussions to measure progress and to evaluate lessons learned. The PER strategy announcement is available on EPA's web site at [http://www.epa.gov/npdes/pubs/final\\_per\\_strategy.pdf](http://www.epa.gov/npdes/pubs/final_per_strategy.pdf).

**EPA Submits Strategic Plan to Congress and OMB.** The EPA submitted its *2003 Strategic Plan* to Congress and OMB September 30, 2003, as required under the Government Performance and Results Act. EPA's *2003 Strategic Plan* serves as the Agency's road map for the next 5 years and will guide EPA in establishing the annual goals that need to be met along the way. The Plan will provide the basis from which EPA's managers can focus on the highest priority environmental issues and ensure that taxpayer dollars are used effectively. The Strategic Plan is built around five goals, centered on the themes of air and global climate change, water, land, communities and ecosystems, and compliance and environmental stewardship. These themes reflect EPA's mission, "to protect human health and the environment." In addition, the Plan discusses strategies the Agency is applying across all five goals, in areas such as science, human capital, innovation, information, homeland security, partnerships, and economic and policy analysis. The Strategic Plan can be accessed at <http://www.epa.gov/ocfo/plan/plan.htm>.

**GAO Report on Interagency Management for Endangered Species Affecting Training Ranges Available Online.** The GAO report, "Implementation Strategy Needed to Increase Interagency Management for Endangered Species Affecting Training Ranges" is now available for review. In the report, the GAO recommended that the Secretaries of Defense, the Interior, and Agriculture develop and implement an interagency strategy, a comprehensive training program, and a centralized data source for cooperative management efforts. The Departments of Defense, the Interior, and Agriculture concurred on the need to improve interagency cooperation. GAO also proposed that Congress consider requiring the agencies to jointly report annually on their efforts to manage cooperatively for endangered species affecting military training ranges. The full report can be downloaded at <http://www.gao.gov/new.items/d03976.pdf>.

**EPA Draft Documents re: Military Munitions/Unexploded Ordnance Available for Review.** The following draft documents are available for viewing on EPA's web site:

- [Draft EPA Guidelines for Munitions Response](#)
- [Draft Handbook on the Management of Ordnance and Explosive at Closed, Transferring and Transferred Ranges and Other Sites](#)

The Handbook has been recently updated and these changes are outlined in the OE Handbook Changes Factsheet (see [http://www.epa.gov/swerffrr/pdf/oe\\_handbook\\_changes\\_factsheet.pdf](http://www.epa.gov/swerffrr/pdf/oe_handbook_changes_factsheet.pdf)). The Guideline provides direction to EPA Regional Offices overseeing munitions response actions involving military munitions and other ordnance and explosives. The documents can be accessed for viewing at <http://www.epa.gov/swerffrr/documents/munitions.htm>. For additional information, please contact Doug Maddox, OSWER Federal Facilities Restoration and Reuse Office, [maddox.doug@epa.gov](mailto:maddox.doug@epa.gov) or 703-603-0087.

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## ASSISTANCE INFORMATION

**DoD Watershed Impact Assessment Protocol Now Online at Denix.** The *Unified Federal Policy for Ensuring a Watershed Approach to Federal Lands and Resource Management* and numerous executive orders have directed Department of Defense (DoD) installations to apply a watershed protection approach to military activities and site management. These directives, current regulatory requirements and the new move towards Environmental

Management Systems drive the need for the DoD to develop their own watershed management strategy, pollution prevention tools, and restoration plans to correct the identified impairments caused by their activities. As a result, the DoD Clean Water Act Services Steering Committee has developed this *DoD Watershed Impact Assessment Protocol: Installation Assessment and Planning Guidance*. This Protocol targets DoD installation activities having the potential to contribute pollutants to impaired water bodies and/or drinking water sources on or near installations. The Protocol is available at the following web site:

[https://www.denix.osd.mil/denix/DOD/Working/CWASSC/Subjects/Watershed/dod\\_watershed.pdf](https://www.denix.osd.mil/denix/DOD/Working/CWASSC/Subjects/Watershed/dod_watershed.pdf)

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## REGIONAL MEETINGS

### **10th Regional Wetlands and Water Resources Meeting: New Protection Challenges for Unprotected Waterbodies.**

The 3-day meeting will provide a diversity of venues to maximize networking and information exchange on the latest scientific issues, policies and regulations, technical topics, and model projects. The plenary sessions will be followed by a series of two concurrent sessions over a period of one and a half days. An interactive half-day state and tribal breakout session beginning the second day will allow a facilitated, in-depth discussion on topics relevant to the tribes and each state in EPA Region 7 (i.e., Iowa, Kansas, Missouri, and Nebraska). Two sit-down lunches, each with an inspirational speaker, along with half hour breaks between sessions for viewing posters will allow attendees ample time to network and share ideas. One day devoted to technical workshops will provide opportunities for more in-depth exchange of ideas. This meeting will be highlighted by a field trip on day three. The meeting will be held on **9-11 March 2004** in **Kansas City, Missouri** at the Hyatt Regency, Crown Center. For general conference information, please contact Tammy Taylor, Conservation Technology Information Center, (765) 494-1814, fax: (765) 494-5969, or e-mail at [taylor@ctic.purdue.edu](mailto:taylor@ctic.purdue.edu).

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## TRAINING COURSES AND WORKSHOPS

**USACE PROSPECT Training.** This program provides job-related training through technical, professional, managerial and leadership courses to meet the unique needs of the USACE and other government agencies. The courses are open to all federal agencies. Some examples of course availability includes: Cultural Resources (Course Control Number 299, **10-14 May 2004, Santa Fe, New Mexico**) and Ecological Resources (Course Control Number 168, **26-30 April 2004, Vicksburg, Mississippi**). The current fiscal year schedule of classes is available at <http://pdsc.usace.army.mil/courseschedule.asp>.

**EPA Environmental Response Training Program.** The latest information on all training offered through this program (including specific locations of the training) is available at <http://www.ertresponse.com/Training/index.htm>. For further information, please contact Patricia Maxwell at [Maxwell.Patricia@epamail.epa.gov](mailto:Maxwell.Patricia@epamail.epa.gov).

**An Organizational Guide to Pollution Prevention Workshop.** The EPA is hosting this workshop to help organizations get P2 programs started or to reevaluate existing P2 programs. The guide presents an alternative method for working P2 projects and plans, and four approaches to implementing P2 and environmental planning within an organization. The course is scheduled for **9-11 December 2003** in **Philadelphia, Pennsylvania**. For further information, please visit <http://www.epa.gov/ttnrml/p2workshop.htm>.

**MDNR Workshops for Online Emissions Inventories.** MDNR's Environmental Assistance Office will be offering workshops for users of Missouri's new online Emissions Inventory Questionnaire system in 2003. The Internet-based system for entering emission inventory data will be available for businesses to use for their calendar 2002 emissions reporting. A Workshop will be held on **9 December 2003** in **St. Louis, Missouri**. The Environmental Assistance Office will take reservations at (800) 361-4817. For more information, please contact Omer Roberts at (800) 361-4817 or (573) 526-6627.

**Texas Commission on Environmental Quality (TCEQ), 4th Annual UST Management Compliance Assistance Seminar.** This seminar is designed for those engaged in installation, repair, removal, modification of underground storage tank systems including service station owner/operators, municipalities, county governments, state and federal agencies, airports and marinas. This seminar will be held on **7-8 December 2003** in **Austin, Texas**

(512) 323-5466. Please direct questions regarding this workshop to Jeanne Cordell, (512) 239-3846, [jcordell@tceq.state.tx.us](mailto:jcordell@tceq.state.tx.us) or Diane Stallings, (512) 239-6333, [dstallin@tceq.state.tx.us](mailto:dstallin@tceq.state.tx.us).

**Introductory Risk Communication Workshop.** The CHPPM is presenting this workshop to provide participants with a basic understanding of the concepts, principles and process of effective risk communication planning. The workshop provides participants with an understanding of essential communication skills and tools for building strategic stakeholder relationships that provide the framework for discussion of complex risk issues. The workshop is scheduled for **9-11 December 2003 at Fort Campbell, Kentucky; 17-20 February 2004 in Edgewood, Maryland; 24-26 February 2004 in Seattle, Washington; 15 - 17 June 2004 in Edgewood, Maryland and 22 - 24 June 2004 in San Antonio, Texas.** For more information, please contact (410) 436-8147.

**EPA OSWER Visual Sample Plan Training.** This course provides practical, hands-on training in the use of the Visual Sample Plan software in the context of the Data Quality Objectives approach. The target audience is Superfund and RCRA project managers, EPA contractors, PRPs and their contractors, federal facilities staff, quality assurance staff, and other technical staff. Training is scheduled for **12 December 2003 in Dallas, Texas.** For additional information, please visit [http://www.hanford.gov/dqo/vsp\\_training/course\\_desc20.html](http://www.hanford.gov/dqo/vsp_training/course_desc20.html). You may also contact Diane Harris, EPA Region 7, at (913) 551-7258 or [harris.dianee@epa.gov](mailto:harris.dianee@epa.gov); Walter Helmick, EPA Region 6, at (214) 665-8373 or [helmick.walt@epa.gov](mailto:helmick.walt@epa.gov).

**Introduction to CAMEO.** This is a 3-day introduction to CAMEO course conducted by Tom Bergman of Oklahoma Department of Environmental Quality **15-17 December 2003, Claremore, Oklahoma.** CAMEO<sup>®</sup> is a system of software applications used widely to plan for and respond to chemical emergencies. It is one of the tools developed by EPA's Chemical Emergency Preparedness and Prevention Office (CEPPO) and the National Oceanic and Atmospheric Administration Office of Response and Restoration (NOAA), to assist chemical emergency planners and responders. The entire CAMEO Suite of software programs (CAMEOfm, ALOHA, MARPLOT, Landview 5, RMP-COMP, and NOAA Evaporation Calculator) is covered. Emphasis is on utilizing the CAMEO suite for all types of Emergency Planning and Response activities, including, weather-related events, chemical spills, and terrorist activities. Attendees will receive an Oklahoma Landview 5 CD-ROM, and CAMEOfm Import files for their jurisdictions. There is no fee for the course. Claremore, Oklahoma is approximately 20 miles northeast of Tulsa International Airport. To register, contact [tom.bergman@deq.state.ok.us](mailto:tom.bergman@deq.state.ok.us).

**Texas Commission on Environmental Quality, Air Permitting Seminar.** This advanced Air Permitting Seminar provides the latest updates on issues affecting air permitting in the state of Texas including: permitting process streamlining, representations in NSR applications, grandfathered pipeline requirements for reimbursement, flexible permits and plant-wide applicability limits, new EPA Modeling Methodology, electronic submittal of Title V renewal/revision applications. The seminar will be held on **16-17 December 2003 in Austin, Texas.** For more information, please call Sue Phillips, (512) 239-6327, [sphillip@tceq.state.tx.us](mailto:sphillip@tceq.state.tx.us) or Elisha Wiley, (512) 239-3150, [ewiley@tceq.state.tx.us](mailto:ewiley@tceq.state.tx.us).

**Advanced Risk Communication Workshop.** The CHPPM is presenting this workshop to instruct participants on how to identify, build, maintain, and utilize strategic partnerships and plans to support an organization's mission. The workshop, scheduled for **13-15 January 2004 in San Diego, California,** will provide participants with hands-on experience in applying the steps of the risk communication process, on-camera media practice, and seminar-style discussions of "hot" issues impacting military health and readiness. For more information, please contact 410-436-8147.

**Natural Resources Compliance Course.** This course offers instruction in specific natural resources law, regulations, policies, Executive Orders, DoD instructions, and other guidance, noting Service-specific requirements. The course addresses stewardship, preservation and process; fish, game and wildlife management laws; protection of wetlands, waterways and other protected ecological areas; forest and land use management laws; and inter-service cooperation. This ISEERB-approved course is scheduled for the following dates: **27-30 January 2004 in San Antonio, Texas and 22-25 June 2004 in Aberdeen, Maryland.** For further information, please visit <https://www.cecos.navy.mil/>

**Historic Preservation Law and Section 106 Compliance Course.** This course emphasizes legal compliance through the use of actual case studies. Course content includes the stewardship role, use of historic properties, and communications with related oversight agencies. This is an ISEERB-approved course. The course is scheduled for the following dates:

- **24-26 February 2004** in **Jacksonville, Florida**
- **20-22 April 2004** in **San Antonio, Texas**
- **20-22 July 2004** in **Annapolis, Maryland**

For further information, please visit <https://www.cecos.navy.mil>.

**Introduction to Cultural Resource Management Laws and Regulations.** This three-day course provides an integrated overview of all pertinent laws and regulations needed to understand and fulfill cultural resource management responsibilities. The curriculum is designed around a series of inter-related case studies discussed during the course. The course is taught in conjunction with the Advisory Council on Historic Preservation and is approved by the Interservice Environmental Education Review Board (ISEERB). The course will be held **16 – 18 March 2003** in **New Orleans, Louisiana** and **17-19 August 2004** in **Bangor, Maine**. For details, please go to <https://www.cecos.navy.mil>

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## CONFERENCES AND SYMPOSIUMS

**Conference on Sustainable Range Management.** This conference will provide a venue for exchange of information benefiting all stakeholders involved with range management issues. The technical programs will include urban growth and encroachment issues, management of airspace, noise abatement issues, air quality management, threatened and endangered species habitat protection, military munitions response program, and cleanup of munitions and explosives of concern. The conference is scheduled for **5-8 January 2004** in **New Orleans, Louisiana**. For additional information, please visit <http://www.battelle.org/rangecon>.

**2004 North American Environmental Field Conference and Exposition: Advances in Environmental Site Characterization and Monitoring Technology.** The event will be held in **Tampa, Florida** on **14 - 16 January 2004** at the University of South Florida. It is being presented by The Nielsen Environmental Field School (a training provider to the DoD) and is co-sponsored by the University of South Florida Water Institute and Princeton Groundwater in cooperation with ASTM International, EPA and CRC Press. For additional information, please contact Gillian Nielsen, Exposition Manager by email: [info@envirofieldschool.com](mailto:info@envirofieldschool.com) or call (740) 965-5026. A web site dedicated to this event is found at <http://www.envirofieldconference.com/>

**The Kansas Department of Health & Environment (KDHE) Non-point Source Seminar.** The KDHE Bureau of Water, Watershed Management Section is conducting a seminar on **5 February 2004** in **Wichita, Kansas** and **6 May 2004** in **Chanute, Kansas** regarding various non-point source pollution control projects and local environmental protection programs. The purpose of the seminar is to facilitate communication of project results and activities among all parties interested in non-point source pollution control. For details call (785) 296-4195 or fax (785) 296-5509 or e-mail [nps@kdhe.state.ks.us](mailto:nps@kdhe.state.ks.us).

**2004 Army Environmental Training Symposium.** The second Army Environmental Training Symposium will be held **1-5 March 2004** at the **Westin Crown Center** hotel in **Kansas City, Missouri**. This year the Directorate of Environmental Integration (DEI) at the US Army Engineer School, Fort Leonard Wood will be assisting the Installation Management Agency and the Army Training and Doctrine Command in administrative and planning support for the event. For additional information, please call DSN – 676-4124, (573) 563-4124, or fax (573) 563-4127.

**The UXO/Countermines Forum Tenth Anniversary.** The UXO/Countermines Forum 2004 assembles researchers, developers, policy-makers, program planners and deliverers to showcase cutting edge UXO and countermines technologies, ideas, programs, and partnerships. The challenges in military sustainment will be addressed in technical presentations, exhibits, speeches, and networking events. The Forum will begin with a plenary session comprised of distinguished speakers. A comprehensive technical program follows the plenary session and features over 150 technical presentations that offer the latest UXO/countermines technology results, innovations, policies, and programs. Over 100 exhibits from private industry and government will offer information, hands-on demonstrations, and networking opportunities. The Forum will be held on **9-13 March 2004** in **St. Louis, Missouri**. For more information regarding the Forum or registration, please contact Impact Associates at (865) 379-7065, or by e-mail at [TheForum@ImpactStrategicEvents.com](mailto:TheForum@ImpactStrategicEvents.com).



**NDIA 30th Environmental & Energy Symposium & Exhibition.** Papers from government, industry, academia and the international community are now being solicited for this symposium, scheduled for **5-8 April 2004** in **San Diego, California**. For a list of topics, as well as information about the symposium, please visit <http://register.ndia.org/interview/register.ndia?PID=Brochure&SID=1310WH4T1&MID=4440> Abstracts are due by 17 October 2003. For more information, please contact Naomi Mundy at (703) 247-9476 or [nmundy@ndia.org](mailto:nmundy@ndia.org).

**Archaeological Resource Protection Act Course.** Fort Hood and the USACE are hosting this course on the Archaeological Resource Protection Act. The course is scheduled for **13-15 April 2004** at **Fort Hood, Texas**. For more information, please call (254) 287-1092.

**National Environmental Assistance Summit.** Sponsored by the EPA, this summit is a merger of the National Pollution Prevention Roundtable Spring Conference and the National Compliance Assistance Providers Forum. It is scheduled for **19-22 April 2004** in **Baltimore, Maryland**. For more information on the summit, please visit <http://www.p2.org/summit2004/>.

**Associated Industries of Missouri (AIMO) Presents 2004 Region VII Environmental Symposium.** The AIMO in partnership with the Kansas City Chamber of Commerce and Industry and the Regulatory Environmental Group for Missouri (REGFORM) is presenting the 2004 symposium to be held on **21-22 April 2004** in **Kansas City, Missouri**. Topics will include Spill Reporting, Rethinking "Waters of the State", Voluntary Site Clean up, Complying with Permit Reporting Requirements and more. For additional information or to register, please call (573) 634-2246 or visit the AIMO web site at <http://www.aimo.com/>.

**Accelerating Site Close Out - Reducing Costs Through Optimization.** This conference, sponsored by member agencies of the Federal Remediation Technologies Roundtable (USEPA, the Navy, the Air Force, DOE, USACE) will outline long-term remediation liabilities and optimization needs and opportunities; disseminate existing and emerging optimization strategies, technologies, tools and science; communicate lessons learned; and present remedial optimization within the context of site wide and multi-site management programs. Presentations will include summaries of projects completed using established optimization programs developed by US Army Corps of Engineers, Air Force, Navy, EPA, DOE, state, and commercial firms. The conference will be held on **15-17 June 2004, Dallas, Texas**. For additional information, please contact Alina Martin (703)318-4678, fax: (703) 736-0826 or e-mail: [tcs-events@saic.com](mailto:tcs-events@saic.com).

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## FEDERAL ACTIONS

### EPA FINAL RULES

#### **Clean Water Act Section 303(d): Final Agency Action on 5 Total Maximum Daily Loads (TMDLs).**

This notice announces final agency action on 5 TMDLs prepared by EPA Region 6 for waters listed in the state of **Arkansas**, under section 303(d) of the Clean Water Act (CWA). These TMDLs were completed in response to the lawsuit filed by the Sierra Club, et al. v. Clifford, et al., No. LR-C-99-114. Documents from the administrative record files for the final 5 TMDLs, including TMDL calculations and responses to comments, may be viewed at <http://www.epa.gov/earth1r6/6wg/artmdl.htm>. The administrative record files for these 5 TMDLs may be obtained by writing or calling Ms. Ellen Caldwell, Environmental Protection Specialist, Water Quality Protection Division, U.S. Environmental Protection Agency Region 6, 1445 Ross Ave., Dallas, TX 75202-2733 or (214) 665-7513.

#### **Approval and Promulgation of Air Quality Implementation Plans; Kansas Update to Materials Incorporated by Reference.**

EPA is updating the materials submitted by **Kansas** that are Incorporated by Reference (IBR) into the State Implementation Plan (SIP). The regulations affected by this update have been previously submitted by the state agency and approved by EPA. This action was effective November 14, 2003. This update affects the SIP materials that are available for public inspection at the Office of the Federal Register (OFR), Office of Air and Radiation Docket and Information Center, and the Regional Office. SIP materials which are incorporated by reference into 40 CFR part 52 are available for inspection at the following locations: Environmental Protection Agency, Region VII, 901 North 5th Street, Kansas City, Kansas 66101; Office of Air and Radiation Docket and Information Center, Room B-108, 1301 Constitution Avenue, NW., (Mail Code 6102T), Washington, DC 20460, and Office of the Federal Register, 800 North Capitol Street, NW., Suite 700, Washington, DC. Details of this ruling

can be viewed at <http://www.epa.gov/fedrgstr/EPA-AIR/2003/November/Day-14/a28307.htm>. For additional information, please contact Evelyn VanGoethem at (913) 551-7659, or at [vangoethem.evelyn@epa.gov](mailto:vangoethem.evelyn@epa.gov).

### **Approval and Promulgation of Implementation Plans; Texas; Revisions to Regulations for Permits by Rule, Control of Air Pollution by Permits for New Construction or Modification, and Federal Operating Permits.**

The EPA is taking final action to approve revisions of the Texas State Implementation Plan (SIP). The plan revisions include changes that Texas adopted to address deficiencies that were identified on January 7, 2002, and other changes adopted by Texas to regulations that include provisions for Permits by Rule (PBR) and Standard Permits. This includes revisions that the Texas Commission on Environmental Quality (TCEQ) submitted to EPA on April 29, 1994; August 17, 1994; September 20, 1995; April 19, 1996; May 21, 1997; July 22, 1998; October 25, 1999; January 3, 2000; September 11, 2000; July 25, 2001; and December 9, 2002. This action is being taken under section 110 of the Federal Clean Air Act (the Act, or CAA). This rule is effective on December 15, 2003. Copies of documents relevant to this action are available for public inspection during normal business hours at the following locations: Environmental Protection Agency, Region 6, Air Permits Section (6PD-R), 1445 Ross Avenue, Dallas, Texas 75202-2733. Texas Commission on Environmental Quality, Office of Air Quality, 12124 Park 35 Circle, Austin, Texas 78753. More details concerning this rule can be found at <http://www.epa.gov/fedrgstr/EPA-AIR/2003/November/Day-14/a28416.htm>. For further information, please contact Stanley M. Spruiell of the Air Permits Section at (214) 665-7212, or [spruiell.stanley@epa.gov](mailto:spruiell.stanley@epa.gov).

### **EPA PROPOSED RULES**

**Proposed Rule To Implement the 8-Hour Ozone National Ambient Air Quality Standard.** In this document, EPA is reopening the public comment period on the Proposed Rule to Implement the 8-Hour Ozone National Ambient Air Quality Standard (NAAQS or standard) that was published on June 2, 2003 (68 FR 32802). EPA is soliciting additional comments on alternative approaches for classifying ozone non-attainment areas, based on comments received during the original comment period. The comment period on the proposed rule originally closed on August 1, 2003. Comments were due 5 November 2003.

Comment: The USAEC responded by sending comments to DOD on 1 August 2003.

**National Pollutant Discharge Elimination System (NPDES) Permit Requirements for Municipal Wastewater Treatment Discharges During Wet Weather Conditions.** EPA is inviting comments on a proposed policy regarding NPDES permit requirements for treatment plants in publicly owned treatment works (POTWs) under peak wet weather flow conditions. Regulatory agencies, municipal operators of POTWs, and representatives of environmental advocacy groups have expressed uncertainty about the appropriate regulatory interpretation for such situations. The document identified herein (go to web site <http://www.epa.gov/fedrgstr/EPA-WATER/2003/November/Day-07/w28103.htm>) describes both a proposed interpretation of regulations, as well as draft guidance to implement such an interpretation. EPA's intention is to ensure that NPDES requirements be applied in a nationally consistent manner that improves the capacity, management, operation and maintenance of POTW treatment plants and collection systems and protects human health and the environment. Written comments on this proposed policy must be received by EPA or postmarked by January 9, 2004.

Comment: For additional information telephone the Media Manager for CWA, US Army Environmental Center, at (410) 436-7068.

**Revisions to the Definition of Solid Waste. (Regulatory Identification Number 2050-AE98).** The Environmental Protection Agency (EPA) is proposing revisions to the definition of solid waste that identify certain recyclable hazardous secondary materials as not discarded, and thus not subject to regulation as wastes under Subtitle C of the Resource Conservation and Recovery Act (RCRA). This regulatory action was initiated primarily in response to decisions by the United States Court of Appeals for the D.C. Circuit, which, taken together, have provided the Agency with additional direction in this area. Specifically, this proposal would define those circumstances under which materials would be excluded from RCRA's hazardous waste regulations because they are generated and reclaimed in a continuous process within the same industry. By removing hazardous waste regulatory controls over certain recycling practices, and by providing more explicit criteria for determining the legitimacy of recycling practices in general, EPA expects that this proposed rule will encourage safe, beneficial recycling of hazardous secondary materials by industry. This regulatory initiative is thus consistent with the Agency's longstanding policy of encouraging the recovery and reuse of valuable resources as an alternative to land disposal.

Comment: The US Army Environmental Center (USAEC) is in the process of writing a short summary and regulatory analysis of the rule. The USAEC currently plans to write comments on this rule to be forwarded to DOD. For additional information contact the Media Manager for RCRA, US Army Environmental Center, at (410) 436-1265.

## **OTHER EPA REGULATORY ACTIVITY**

### **Prevention of Significant Deterioration (PSD) and Non-Attainment New Source Review (NSR):**

**Reconsideration.** (Regulatory Identification Number 2060-AE11) On December 31, 2002 and March 10, 2003, EPA revised regulations governing the major New Source Review (NSR) programs mandated by parts C and D of title I of the Clean Air Act (CAA or Act). Following these actions, the Administrator received a number of petitions for reconsideration. On July 30, 2003, EPA announced its reconsideration of certain issues arising from the final rules of December 31, 2002. We (the EPA) requested public comment on six issues for which we granted reconsideration. As a result of this reconsideration process, we have concluded that two clarifications to the underlying rules are warranted, which are: To include a definition of "replacement unit" and to clarify that the plant-wide applicability limitation (PAL) baseline calculation procedures for newly constructed units do not apply to modified units. With respect to all other issues raised by the petitioners, we deny the requests for reconsideration. This final action is effective on January 6, 2004.

Comment: For additional information, please contact the Media Manager for the CAA, US Army Environmental Center, at (410) 436-1205.

**Non-point Source Program and Grants Guidelines for States and Territories.** EPA has developed guidelines for States' implementation of non-point source management programs under Section 319 of the Clean Water Act and for the award of Section 319 grants to States to implement those programs. These guidelines apply to grants appropriated by Congress in Fiscal Year 2004 and in subsequent years. The guidelines continue EPA's policy of focusing a significant portion of Section 319 funds (\$100 million annually) to address watersheds where non-point source pollution has resulted in impairment of water quality. The remaining funds are to be used by States to assist in their implementation of their broad array of programs and authorities to address all of the water quality threats and impairments caused by non-point source pollution.

Comment: For information, contact the Media Manager for the CWA, US Army Environmental Center, at (410) 436-7068. The complete text of the guidelines is also available at EPA's Non-point Source Web site: <http://www.epa.gov/owow/nps/cwact.html>.

**Regional Haze Regulations; Availability of Guidance Documents.** The purpose of the documents announced in this notice is to provide guidance to the States and Tribes in implementing the regional haze program and to explain how EPA intends to exercise its discretion in implementing Clean Air Act provisions and EPA regulations concerning the estimation of natural visibility and tracking progress under the Regional Haze program. The US Army Environmental Center (USAEC) is in the process of determining the impact and effect of the rule on installations. The USAEC is developing a strategy for educating state regulators and partnering with them to correct PM2.5 and haze issues in all regions.

Comment: For additional information on Transport Ozone, PM 2.5 or Regional Haze issues contact the Media Manager for CAA, US Army Environmental Center, at (410) 436-1213.

### **Approaches to an Integrated Framework for Management and Disposal of Low-Activity**

**Radioactive Waste: Request for Comment.** This Advance Notice of Proposed Rulemaking (ANPR) requests public comment regarding options to promote a more consistent framework for the disposal of radioactive waste with low concentrations of radioactivity ("low-activity"). Of immediate interest is low-activity mixed waste (LAMW). This waste is both chemically hazardous according to the Resource Conservation and Recovery Act (RCRA) and is radioactive with low radionuclide concentrations under the purview of the Atomic Energy Act of 1954 (AEA). Such waste is regulated and managed under both authorities but under certain conditions, one authority may be sufficient to provide public health and environmental protection. In particular, given appropriate limits on radionuclide concentrations in LAMW, disposal of LAMW in RCRA Subtitle C hazardous waste landfills, with their prescribed engineering design and associated RCRA requirements (e.g., waste treatment, waste form) may provide protection of public health and the environment. This document focuses on effective use of the RCRA-C disposal technology for the disposal of LAMW. The EPA seeks comment on standards that would codify this approach and provide greater flexibility for the safe disposal of LAMW.



Comment: For additional information contact the Media Manager for RCRA, US Army Environmental Center, at (410) 436-1265. This Federal Register document may be accessed electronically through the EPA Internet under the "Federal Register" listings at <http://www.epa.gov/fedrgstr/>.

## **U.S. FISH AND WILDLIFE SERVICE**

**Final Recovery Plan for the Star Cactus (*Astrophytum asterias*).** The U.S. Fish and Wildlife Service (Service) announces the availability of the Final Recovery Plan for the star cactus (*Astrophytum asterias*). Star cactus has been documented on one private land site in Starr County, Texas. Additional populations may be found in the United States in **Texas**, and in Tamaulipas and Nuevo Leon, Mexico. The star cactus (*Astrophytum asterias*) was listed as endangered on November 17, 1993, under authority of the Endangered Species Act of 1973, as amended. The threats facing the survival and recovery of this species include habitat destruction through conversion of native habitat to agricultural land and increasing urbanization, competition with exotic invasive species, genetic vulnerability due to low population numbers, and collecting pressures for the cactus trade. The Final Recovery Plan includes information about the species and provides objectives and actions needed to downlist the species. Recovery activities designed to achieve down listing objectives include: Protecting known populations; searching for additional populations; performing outreach activities to educate the general public on the need for protection; building partnerships with private landowners who are interested in voluntary conservation of the species on their land; establishing additional populations through reintroduction in the known range of the plant; formalizing a conservation strategy with Mexico; and filling information gaps to guide management decisions and provide a basis for delisting criteria. The Recovery Plan will be reviewed in five years to evaluate management direction and reconsider delisting criteria. Persons wishing to receive the Final Recovery Plan can obtain a copy from the U.S. Fish and Wildlife Service, Corpus Christi Ecological Services Field Office, c/o TAMUCC, Box 338, 6300 Ocean Drive, Corpus Christi, Texas, 78412. The Final Recovery Plan will also be available through the Fish and Wildlife Region 2 Web site at <http://southwest.fws.gov/>. For additional information, please contact Field Office Supervisor, Corpus Christi Ecological Services Field Office, at the above address or call (361) 994-9005 or fax (361) 994-8262.

Comment: It is anticipated that the recovery plan will have no impact on Army installations because the species has not been recorded as being on or contiguous to any Army installation. Call (410) 436-1564 or (410) 436-1560.

**Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for the Mexican Spotted Owl.** The U.S. Fish and Wildlife Service (USFWS), announce that, based on the October 10, 2003, decision in Center for Biological Diversity v. Norton, Civ. 01-409 TUC DCB (D. Ariz.), comments are being solicited on the July 21, 2000, proposed rule (hereinafter referred to as the July 2000 proposal) to designate critical habitat for the Mexican spotted owl (*Strix occidentalis lucida*) (65 FR 45336). A final rule was issued to the July 2000 proposal on February 1, 2001 (66 FR 8530). The final rule did not include some Forest Service and tribal lands that had been proposed for designation as critical habitat in the July 2000 proposal. This final rule is still in effect while USFWS reconsider the proposed rule and issuance of a new final rule. The Mexican spotted owl (owl) inhabits canyon and montane forest habitats across a range that extends from southern Utah and Colorado, through Arizona, **New Mexico**, and west **Texas**, to the mountains of central Mexico. The July 2000 proposal included approximately 5.5 million hectares (ha) (13.5 million acres (ac)) of critical habitat in Arizona, Colorado, New Mexico, and Utah, mostly on Federal lands. The final rule designated approximately 1.9 million ha (4.6 million ac) of critical habitat on Federal lands in Arizona, Colorado, New Mexico, and Utah. For additional information, please call Joy Nicholopoulos, New Mexico State Administrator, New Mexico Ecological Services Field Office at (505) 761-4706 or fax (505) 346-2542).

Comment: USAEC is tracking this proposed rule and will be providing a more detailed analysis at a later time. Call (410) 436-1564 or (410) 436-1560.

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## REGION 6 STATE ACTIVITY

### Regulatory & Legislative Web Sites

Arkansas Department of Environmental Quality (ADEQ)	<a href="http://www.adeq.state.ar.us">http://www.adeq.state.ar.us</a>
Arkansas General Assembly	<a href="http://www.arkleg.state.ar.us/">http://www.arkleg.state.ar.us/</a>
Louisiana Department of Environmental Quality (LDEQ)	<a href="http://www.deq.state.la.us">http://www.deq.state.la.us</a>
Louisiana Legislature	<a href="http://www.legis.state.la.us/">http://www.legis.state.la.us/</a>
New Mexico Environment Department (NMED)	<a href="http://www.nmenv.state.nm.us/">http://www.nmenv.state.nm.us/</a>
New Mexico Legislature	<a href="http://legis.state.nm.us/">http://legis.state.nm.us/</a>
Oklahoma Department of Environmental Quality (ODEQ)	<a href="http://www.deq.state.ok.us">http://www.deq.state.ok.us</a>
Oklahoma Legislature	<a href="http://www.lsb.state.ok.us/">http://www.lsb.state.ok.us/</a>
Texas Commission on Environmental Quality (TCEQ)	<a href="http://www.tnrc.state.tx.us">http://www.tnrc.state.tx.us</a>
Texas Legislature	<a href="http://www.capitol.state.tx.us/">http://www.capitol.state.tx.us/</a>

## ARKANSAS

## Legislative/Regulatory Activity

### STATE OF ARKANSAS FINAL RULES

(UPDATE) **Proposed Changes to Regulation 23 APC&E Commission Docket #03-001-R are Adopted.** The Arkansas Pollution Control and Ecology Commission revised APC&EC Regulation No. 23 (Hazardous Waste Management). The Commission is adopting federal revisions to the hazardous waste management regulations promulgated between August 10, 2001 and December 31, 2002 that affect the hazardous waste management program implemented by the Department pursuant to the Hazardous Waste Management Act and the Commission's Regulation No. 23. In addition to these revisions the September 1999 federal MACT standards are proposed for final incorporation into the Regulation. The Department proposes this rulemaking primarily to make the provisions of Regulation No. 23 consistent with and no less stringent than the revised federal hazardous waste management program. *For general information, please contact the Arkansas Department of Environmental Quality offices at (501) 682-0744. For specific information on these revised rules and Regulation No. 23, contact Tom Ezell, Hazardous Waste Division, at (501) 682-0876.*

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## LOUISIANA

## Legislative/Regulatory Activity

### STATE OF LOUISIANA FINAL RULES

(UPDATE) **LA Department of Environmental Quality Permanent Final Rule Published 10/20/03: Procedure for Public Notification of Contamination -- OS042E1, OS043E2, OS043E3, OS042 (LAC 33:I Chpt 1).** The Department adopted a permanent rule that establishes procedures for notifying those members of the public that the Department determines are likely to be adversely affected by a release of hazardous substances or other pollutants. The regulation establishes a procedure for issuing a notice, prioritizing sites for provision of notice, and a schedule of applicable timeframes. The Department adopted the proposal as an emergency rule, effective 07/20/02. Comments were received until 09/30/02. The emergency rule became effective 11/07/02. The emergency regulation was renewed on 03/07/03. The emergency regulation was renewed again, effective 07/05/03. The rule was made permanent, effective 10/20/03. The rule can be electronically accessed at [http://www.deq.state.la.us/planning/regs/pdf/OS042fin\\_with\\_TA.pdf](http://www.deq.state.la.us/planning/regs/pdf/OS042fin_with_TA.pdf). *For additional information, please contact at Sharon Parker (225) 765-0380.*

(UPDATE) **LA Department of Environmental Quality Final Regulation: Requirements for Cooling Water Intake Structures for New Facilities WQ051 (33 LAC IX.2522, 2523, and 2524).** The Department has adopted amendments the Water Quality regulations, LAC 33:IX.2522, 2523, and 2524 by adopting federal regulations found in 40 CFR 125.83; 125.84(b)(4)(ii)-(iii), (b)(5)(ii), (c)(3)(ii)-(iii), and (d)(1); and 125.85(a)(2)-(3) concerning cooling water intake structures for new facilities. The amendments delete the definition of Minimum

Ambient Source Water Surface Elevation and establish additional requirements for addressing impacts on species passing through the hydraulic zone of influence of cooling water intake structures, specifically reporting to fishery management agencies. The amendments are necessary to conform to federal regulations. The Department held a hearing on 10/27/03. Comments were also due on 10/27/03. The Department approved the amendments effective 11/20/03. The amendments can be viewed at <http://www.deq.state.la.us/planning/regs/pdf/WQ051pro.pdf>. For additional information, please contact Lynn Willbanks at (225) 765-0399.

Comment: AEC-CREO is monitoring this issue and will continue to provide issue status updates.

## **OTHER REGULATORY ACTIVITY**

**(UPDATE) LA Department of Environmental Quality Departmental Discussion: Revisions to Criteria for Compliance Inspection.** The Department is discussing revisions to develop new compliance inspection criteria. New legislation has removed language requiring the department to complete an annual inspection of all permitted facilities. This has freed the Department to shift from routine annual inspections to intensive, targeted inspections. On 06/05/03 the Governor signed into law amendments to R.S. 30:2012(D), requiring the Department to develop new compliance inspection criteria. The criteria will be drafted in the Department's Division of Surveillance. LDEQ staff report that no new regulations will be needed to form criteria, but that stakeholders will be involved in the development process. For additional information, please contact Chris Roberie at (225) 765-2953.  
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### **NEW MEXICO**

### **Legislative/Regulatory Activity**

## **STATE OF NEW MEXICO PROPOSED RULES**

**(NEW) NM Environmental Improvement Board Proposed Regulation Published 10/15/03: Revision Of Liquid Waste Disposal Regulations (20.7.3 NMAC).** The Department is proposing revisions to Liquid Waste Disposal Regulations, 20.7.3 NMAC. The amendments will amend the Liquid Waste Disposal Regulations to allow the land application of gray water by residences under the conditions expressed by the Legislature in the 2002-2003 legislative session, HB 114, codified at NMSA 1978 Section 74-6-4 (2003). The sections that would be amended include the following: 20.7.3.7.J – Definition of black water; 20.7.3.7.AF – Definition of gray water; 20.7.3.200 - Procedures; and 20.7.3.300 – Standards. The Department will hold a hearing on 12/16/03 to discuss the proposals. Comments should be made before that date. For additional information, please contact Geraldine Madrid-Chavez at (505) 827-2425.

**(UPDATE) NM Environment Department final regulation: Corrective Action Fund Administration (NMAC 20.5.17).** The Department has adopted revisions to the corrective action fund administration regulations. These regulations apply to owners and operators of storage tanks as governed by 20.5.1 through 20.5.16 NMAC and to all payments made by the department to or on behalf of storage tank owners and operators under the Ground Water Protection Act. The revisions include: the definitions of "phase of corrective action" and "sampling;" compliance determinations; competitive contractor selections for remediation; workplan approval, eligible and ineligible costs and expenditures; and the order of payments in the case of insufficient funds. The Department held a hearing to discuss the proposed regulations on 09/17/03. The Department approved the regulations, effective 11/14/03. The regulations are available online at [http://www.nmenv.state.nm.us/ust/docs/20\\_5\\_17NMACdft.pdf](http://www.nmenv.state.nm.us/ust/docs/20_5_17NMACdft.pdf). For additional information, please contact Anna Richards at 505-984-1925.

## **OTHER REGULATORY ACTIVITY**

**New Mexico Environment Department Receives EPA Approval for Water Quality Standards.** The New Mexico Environment Department (NMED) recently received notification that the U.S. Environmental Protection Agency (EPA) has approved the State's human health based surface water quality standards. EPA's approval covers human health based standards for more than 100 toxic pollutants. This includes 15 persistent toxic pollutants such as PCBs, dioxins, DDT and certain metals. By establishing human health based surface water standards for these pollutants NMED will be able to better protect fisheries all over the state of New Mexico. Los Alamos National Laboratory (LANL) is currently attempting to fight these persistent toxic pollutant standards in state court. In court filings, LANL has argued that these standards should not apply to "ephemeral streams" where no fish are present. NMED has asserted that tributary protection particularly for persistent toxic pollutants that don't readily degrade and

can be transported downstream leads to better river protection as well as allowing for pollution to be found earlier and cleaned up sooner. *For further information contact Jon Goldstein, Communications Director, NMED at (505) 827-0314.*

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## OKLAHOMA

## Legislative/Regulatory Activity

### STATE OF OKLAHOMA PROPOSED RULE

(UPDATE) **OK Department of Environmental Quality Proposed Regulation Published 09/02/03: Replacement of Permit by Rule Provisions with "Permit Exempt Facilities" (OAR Docket 03-266, OAC 252:100-5, 7, 13, 19, 23, 24, 33, 37).** The Department has proposed to replace the provisions for "permit by rule" with a new class to be called "permit exempt facility". This proposal is replacing a previous proposal to create a permit by rule for natural gas compression facilities. The "permit exempt facility" would apply to facilities with emissions of less than 40 tons/year and would require facilities to submit an emissions inventory and institute other possible controls (i.e. fugitive dust controls). The Department is also proposing to increase the annual operating fees, while exempting the new permit exempt facility category in this rulemaking. The proposal will increase the annual operating fee for Part 70 sources in 252:100-5-2.2. In addition, the proposal will replace the permit by rule with a new category to be called permit exempt facility. To do this, the Department is proposing revisions to sections in Subchapters 5, 7, 19, 23, 24, and 37 and proposes to revoke Appendix L. This will include the elimination of annual operating fees for permit exempt facilities. Amendments to Subchapter 13, Open Burning, will clarify the scope of exemptions that allow open burning for purposes of fire training. Section 9 will also be amended to exempt hydrocarbon flares from the prohibition against burning between sunset and sunrise. Finally the proposal will replace an existing emergency rule with a permanent rule to exempt glass-melting furnaces that utilize BACT from the requirements of Subchapter 33 or otherwise set a new standard for glass-melting furnaces that is attainable. The Department also proposes to revise the definition of "new fuel- burning equipment" to reflect that direct-fired fuel-burning equipment did not become subject to Subchapter 33 until 1977. The proposed regulation may be seen online at [http://www.deq.state.ok.us/AQDnew/proposedrules/jul03/PerExmp\(6-16-03\)web.pdf](http://www.deq.state.ok.us/AQDnew/proposedrules/jul03/PerExmp(6-16-03)web.pdf). A public hearing originally began before the Air Quality Council 04/19/00 and continued until 02/21/01, was continued 04/18/01. Written comments were due 04/18/01. This project was placed on hold because USEPA was concerned that this change would result in exceedances of air quality standards. The Department performed a study to show that no exceedances would result. The regulation was re-proposed on 03/17/03. A hearing was held and comments were due on 4/16/03, but the Department did not ask that the proposal be approved at that time. Subchapter 33 was approved and submitted for executive and legislative review on 09/17/03. The Department continued its discussion of Subchapters 5 and 7 to the Air Quality Council to 10/08/03. Subchapter 33 was approved and submitted for executive and legislative review on 09/17/03. Written comments for that meeting were due on 10/01/03. *For additional information, please contact Joyce Sheedy (405) 702-4100.*

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## TEXAS

## Legislative/Regulatory Activity

### STATE OF TEXAS FINAL RULE

(UPDATE) **TX Commission on Environmental Quality final regulation published 11/07/03: Amendments to VOCS regulations (30 TAC 115.10, 115.216, 115.217; 115.352, 115.354, 115.357, 115.359; 115.722, 115.725 - 115.727, 115.729, 115.764, 115.767, 115.781, 115.783, 115.785, 115.787, and 115.789).** The Commission adopted amendments to the regulations governing Volatile Organic Compound Transfer Operations; Petroleum Refining, Natural Gas Processing, and Petrochemical Processes; and Highly-Reactive Volatile Organic Compounds. These amended sections and corresponding revisions to the state implementation plan (SIP) will be submitted to the United States Environmental Protection Agency (EPA). The rules: (1) revise source control requirements for volatile organic compounds (VOC) and highly-reactive volatile organic compounds (HRVOC) which are already included within the state implementation plan submitted for the Houston/Galveston ozone non-attainment area; (2) modify portions of the existing VOC and HRVOC rules which apply in the Beaumont/Port Arthur, Dallas/Fort Worth, and El Paso ozone non-attainment areas, as well as in 95 attainment counties located in east and central Texas; and (3) improve implementation of the existing VOC and

HRVOC rules in Chapter 115. The amendments were proposed by the Commission on 04/30/03. A hearing was held on 06/02/03 and 06/04/03. The Commission adopted the amendments at its 10/22/03 meeting, and they became effective 11/13/03. The amendments are available online at [http://www.tnrcc.state.tx.us/oprd/rule\\_lib/proposals/03027115\\_pro.pdf](http://www.tnrcc.state.tx.us/oprd/rule_lib/proposals/03027115_pro.pdf). For additional information please call Stephanie Bergeron (512) 239-6087.

## **OTHER REGULATORY ACTIVITY**

**(UPDATE) TX Commission on Environmental Quality Departmental Discussion: Voluntary Registry of Greenhouse Gas Reductions.** The Commission is discussing the development of a voluntary registry for reporting greenhouse gas reductions. Staff reports that the registry would be used for educational purposes in conjunction with the pollution prevention program as examples of reductions. Staff states that nothing would be established through regulation and that reporting would be completely voluntary. The registry development was directed by recommendations listed in the Commission's greenhouse gas report released at the beginning of the 2002. The directive to develop a registry precluded the Commission from duplicating the federal 1605(b) registry program. Currently, the 1605(b) program is under review at the federal level. Staff report that the Commission is waiting to see what changes will be made to the federal program before developing a state level registry. Staff reports that the Commission is looking to see if the federal registry will include information on the geographic location of those reporting. If data from the federal registry can be identified as coming from TX facilities and otherwise fulfills the Commission's requirements for a registry, the Commission may adopt the federal registry as the state program. Staff reports that the current recommendations for changes to the federal program appear to address the major points of importance for the state. For additional information, please contact David Schanbacher (512) 239-1228.

## **STATE OF TEXAS PROPOSED LEGISLATION**

**(UPDATE) Texas H.B. 17C - Permitting, Environmental Administrative Procedures.** Directs that an evaluation of the Texas Commission on Environmental Quality's permitting processes. Requires that the assessment ensures that (1) all relevant environmental protection standards are maintained at a level that at least equals the current level; (2) the Commission's permitting processes are streamlined; (3) the commission's permitting processes are user-friendly to citizens and promote sound economic development; and (4) all stakeholder concerns are considered. Creates a study committee to complete the assessment. Introduced and referred to House Government Reform Committee September 15, 2003 and died upon adjournment October 12.

**(UPDATE) Texas H.B. 37C - Emissions, Environmental Administrative Procedures.** Effective immediately, the final version (September 23) amends HB 1365 of the 78th Regular Session to add non-attainment counties to the list of counties eligible to give preference to a vendor that uses heavy-duty trucks and equipment that meet or exceed existing state or federal environmental standards. Provides that the duties of the Texas Council on Environmental Technology are transferred to the Texas Commission on Environmental Quality. The bill was introduced, referred to House Environmental Regulation Committee, and substituted and reported from Committee September 15, 2003. Passed House September 16. Referred to Senate Finance Committee September 17. Reported from Committee September 22. Amended September 23. Passed Senate September 24. House concurred with Senate amendments October 10. Signed in House and Senate October 12. Signed by Governor Rick Perry (R) October 20. Sponsor: Representative Wayne Smith (R). The bill can be viewed <http://www.capitol.state.tx.us/cgi-bin/tlo/textframe.cmd?LEG=78&SESS=3&CHAMBER=H &BILLTYPE=B&BILLSUFFIX=00037&VERSION=5&TYPE=B>

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## REGION 7 STATE ACTIVITY

### Regulatory & Legislative Web Sites

Iowa Department of Natural Resources (IDNR)	<a href="http://www.state.ia.us/dnr/">http://www.state.ia.us/dnr/</a>
Iowa General Assembly	<a href="http://www.legis.state.ia.us/">http://www.legis.state.ia.us/</a>
Kansas Department of Health and Environment (KDHE)	<a href="http://www.kdhe.state.ks.us">http://www.kdhe.state.ks.us</a>
Kansas Legislature	<a href="http://www.kslegislature.org/cgi-bin/index.cgi">http://www.kslegislature.org/cgi-bin/index.cgi</a>
Missouri Department of Natural Resources (MDNR)	<a href="http://www.dnr.state.mo.us/homednr.htm">http://www.dnr.state.mo.us/homednr.htm</a>
Missouri General Assembly	<a href="http://www.moga.state.mo.us/">http://www.moga.state.mo.us/</a>
Nebraska Department of Environmental Quality (NDEQ)	<a href="http://www.deq.state.ne.us">http://www.deq.state.ne.us</a>
Nebraska Legislature	<a href="http://www.unicam.state.ne.us/">http://www.unicam.state.ne.us/</a>

### IOWA

### Legislative/Regulatory Activity

#### STATE OF IOWA PROPOSED RULE

(UPDATE) **IA Department of Natural Resources Final Regulation: Adoption of Federal Pretreatment and Effluent Standards (567 IAC 60, 62, 63).** The Department adopted a rulemaking to incorporate the latest revisions to the federal effluent and pretreatment standards and monitoring, analytical and reporting requirements. The Iowa Environmental Protection Commission approved the revisions at their meeting 09/15/03. The rules were adopted without public notice and participation. *The rules were effective 11/19/03. For additional information, please contact Steve Williams (515) 281-8884.*

#### OTHER REGULATORY ACTIVITY

(UPDATE) **IA Department of Natural Resources withdrawn regulation: Ambient air quality standards (Chapter 28).** The Department has withdrawn a proposal to adopt an Ambient Air Quality Standards Sampling Manual. This manual would have contained data handling procedures, quality assurance requirements, performance specifications, acceptable monitoring equipment, and acceptable methods for determining compliance with hydrogen sulfide and ammonia standards after December 1, 2004. The Department presented a draft regulation to the Environmental Protection Commission (EPC) for discussion at its 07/22/02 meeting. A Notice of Intended Action was published 09/18/02. A notice to extend the public comment period to 11/06/02 was published 10/02/02. The Department held hearings at various locations in Iowa 10/08/02; 10/15/02; 10/16/02; and 10/23/02. The rules were adopted by the Department at their meeting 04/21/03, but were nullified by the State Legislature. It has been indicated that a new proposal will be drafted. *For additional information, please contact Wayne Gieselman (515) 281-581.*

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### KANSAS

### Legislative/Regulatory Activity

#### STATE OF KANSAS PROPOSED RULE

(NEW) **KS Department of Health and Environment Proposed Regulation: Amendment to Fee on Emissions of Air Pollutants (28-19-202).** The Department is proposing an amendment to the air quality regulations to increase the fee for emissions of air pollutants from certain major stationary sources from \$20 to \$25 per ton. A public hearing will be held 01/06/03. The Department will hold a public hearing at 10:00 a.m. 6 January 2004 in the Prairie Conference Room, Curtis State Office Building, 1000 S.W. Jackson, Topeka, KS to consider adoption. Written comments are due 01/06/03. *For additional information, please contact Ralph Kieffer (785) 296-6428.*

## **OTHER REGULATORY ACTIVITY**

**(UPDATE) KS Department of Health and Environment Departmental Discussion: Lead and Copper Rule Minor Revisions.** The Department is drafting a new rulemaking to adopt the federal Lead and Copper Rule Minor Revisions (LCRMR). These minor revisions streamline requirements, promote consistent implementation, and may reduce burden for water systems. The LCRMR do not change the action levels of 0.015 mg/L for lead and 1.3 mg/L for copper, or Maximum Contaminant Level Goals established by the 1991 federal rule which are 0 mg/L for lead and 1.3 mg/L for copper. They also do not affect the rule's basic requirements to optimize corrosion control and, if appropriate, treat source water, deliver public education, and replace lead service lines. *For additional information, please contact Steve Frost (785)-296-5505.*

**(UPDATE) KS Department of Health and Environment Departmental Discussion: Consumer Confidence Reports.** The KDHE is drafting amendments to the drinking water regulations to adopt the federal consumer confidence reports regulations. While water systems are free to enhance their reports in any useful way, each report must provide consumers with the following fundamental information about their drinking water: (1) the lake, river, aquifer, or other source of the drinking water; (2) a brief summary of the susceptibility to contamination of the local drinking water source, based on the source water assessments that states are completing over the next five years; (3) how to get a copy of the water system's complete source water assessment; (4) the level (or range of levels) of any contaminant found in local drinking water, as well as EPA's health-based standard (maximum contaminant level) for comparison; (5) the likely source of that contaminant in the local drinking water supply; (6) the potential health effects of any contaminant detected in violation of an EPA health standard, and an accounting of the system's actions to restore safe drinking water; (7) the water system's compliance with other drinking water-related rules; (8) an educational statement for vulnerable populations about avoiding Cryptosporidium; (9) educational information on nitrate, arsenic, or lead in areas where these contaminants are detected above 50% of EPA's standard; and (10) phone numbers of additional sources of information, including the water system and EPA's Safe Drinking Water Hotline (800-426-4791). *For additional information, please contact Steve Frost 785-296-5505.*

**(UPDATE) KS Department of Health and Environment Departmental Discussion: Public Notification Rule.** The Department is drafting an amendment to adopt the federal public notification rule. Public water systems must notify their customers when they violate EPA or the state drinking water standards (including monitoring requirements) or otherwise provide drinking water that may pose a risk to consumers' health. EPA revised the existing Public Notification rule to better tailor the form, manner, and timing of the notices to the relative risk to health. The revised rule makes notification easier and more effective for both water systems and the customers that they serve. *For additional information, please contact Steve Frost 785-296-5505.*

**(UPDATE) KS Department of Health and Environment Departmental Discussion: Radionuclides Rule.** The Department is drafting an amendment to adopt the federal radionuclide rule. EPA has updated its standards for radionuclides in drinking water. EPA also has set a new standard for uranium, as required by the 1986 amendments to the Safe Drinking Water Act. The standards are: combined radium 226/228 (5 pCi/L); beta emitters (4 mrem/yr); gross alpha standard (15 pCi/L); and uranium (30 µg/L). *For additional information, please contact Steve Frost 785-296-5505.*

**(UPDATE) KS Department of Health and Environment Departmental Discussion: Interim Enhanced Surface Water Treatment Rule.** The Department is drafting an amendment to adopt the federal Interim Enhanced Surface Water Treatment Rule (IESWTR). The 1998 IESWTR imposed filtration and disinfection requirements on larger water systems (those providing water to 10,000 persons or more) that use surface water or groundwater under the direct influence of surface water. *For additional information, please contact Steve Frost 785-296-5505.*

**(UPDATE) KS Department of Health and Environment Departmental Discussion: Stage 1 Disinfectant and Disinfectant Byproducts Rule.** The KDHE is drafting a rulemaking to adopt the Federal rule on disinfectants and disinfectant byproducts. The Stage 1 Disinfectants and Disinfection Byproducts Rule (D/DBP) applies to all community and nontransient non-community water systems that treat their water with a chemical disinfectant for either primary or residual treatment. The rule establishes maximum residual disinfectant level goals (MRDLGs) and maximum residual disinfectant levels (MRDLs) for three chemical disinfectants - chlorine, chloramine and chlorine dioxide. It also establishes maximum contaminant level goals (MCLGs) and maximum contaminant

levels (MCLs) for total trihalomethanes, haloacetic acids, chlorite and bromate. *For additional information, please contact Steve Frost 785-296-5505.*

**(UPDATE) KS Department of Health and Environment Departmental Discussion: Arsenic in drinking water.** The Department is drafting an amendment to the arsenic in drinking water regulations to adopt the federal rule. USEPA adopted a new standard for arsenic in drinking water at 10 ppb, replacing the old standard of 50 ppb. The rule became effective on February 22, 2002. Public water systems must implement the rule by January 2006. *For additional information, please contact Steve Frost 785-296-5505.*

**(UPDATE) KS Department of Health and Environment Departmental Discussion: Filter Backwash Recycling Rule.** The Department is drafting an amendment to adopt the federal Filter Backwash Recycling Rule (FBRR). The FBRR is required by the Safe Drinking Water Act as one method of reducing the risks posed to consumers by microbial contaminants that may be present in public drinking water supplies. *For additional information, please contact Steve Frost 785-296-5505.*

**(UPDATE) KS Department of Health and Environment Departmental Discussion: Long Term 1 Enhanced Surface Water Treatment Rule.** The Department is drafting an amendment to adopt the federal rule on the Long Term 1 Enhanced Surface Water Treatment Rule (LT1ESWTR). The purpose of the LT1ESWTR is to improve control of microbial pathogens, specifically the protozoan *Cryptosporidium*, in drinking water, and address risk trade-offs with disinfection byproducts. The LT1ESWTR applies to all public water systems that (1) use surface water or ground water under the direct influence of surface water (GWUDI); and (2) serve fewer than 10,000 persons. *For additional information, please contact Steve Frost 785-296-5505.*

**KS Department of Agriculture Proposed Regulation: Amendment to Northwest Kansas Groundwater Management District Regulations.** The Department is proposing new and amended regulations for the Northwest Kansas Groundwater Management District. The regulations make changes to the allowable well withdrawals, well spacing, and tailwater control and waste. They also introduce regulations on district investigation and enforcement procedures. The Department is holding a public hearing 12/18/03. *For additional information, please contact Leslie Garner 785-296-4623*

**EPA Approves Most of Latest Kansas Water Quality Standards.** EPA has approved nearly all the provisions of the new and revised Kansas water quality standards submitted to EPA by the state. The approved provisions are now effective for implementation purposes under the Clean Water Act. KDHE submitted new and revised Kansas Surface Water Quality Standards to EPA for review and approval, by letter dated Sept. 26, 2003, pursuant to Section 303(c) of the Clean Water Act. Under Section 303(c), states are required to review their water quality standards no less frequently than every three years and submit new or revised standards to EPA. The Sept. 26 submission included revisions to the Kansas Administrative Regulations (K.A.R.), Title 28, Article 16. EPA's review also included revisions to the Kansas Implementation Procedures – Surface Water Quality Standards, as well as provisions of Senate Substitute for Substitute for House Bill No. 2219 (submitted June 2003) and a few remaining provisions from the state's December 2002 submittal. This is EPA's final action to resolve all outstanding Kansas water quality standards provisions. EPA was awaiting submittal of the implementing regulations before taking action on the statutory provisions. EPA previously acted on portions of the state's December 2002 submittal in June and August. With this action, EPA is approving nearly all of the state's submissions with only the following few exceptions:

- EPA is disapproving provisions that would have required the use of a cost/benefit analysis before classifying waters with flow of less than one cubic feet per second for protection of aquatic life.
- Frontier Ditch: EPA is disapproving the removal of the Special Aquatic Life and Primary Contact Recreation use designations.
- Great Eastern Ditch: EPA is disapproving the removal of the Expected Aquatic Life use designation without the support of a use attainability analysis.

These disapproved provisions of the Kansas water quality standards are not applicable for purposes of the Clean Water Act. No further federal action is necessary with respect to the cost/benefit provisions, although the state may wish to remove these provisions for purposes of clarity. The state may submit additional information to support the disapproved water quality standards for Frontier Ditch and Great Eastern Ditch, or submit new or revised standards for these waters consistent with this action to EPA within 90 days. If the state does not submit additional information or new or revised standards that are consistent with the Clean Water Act, EPA will promptly propose new or revised

water quality standards for these waters. To obtain an electronic copy of this decision letter, please contact Martin Kessler at (913) 551-7236 or by e-mail at [kessler.martin@epa.gov](mailto:kessler.martin@epa.gov).  
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## MISSOURI

## Legislative/Regulatory Activity

### STATE OF MISSOURI PROPOSED RULE

(UPDATE) **MO Department of Natural Resources proposed regulation published 11/03/03: Restriction of Emission of Sulfur Compounds (10 CSR 010-02.260).** The Department has proposed an amendment required to address changes in circumstances to regulated sources as requested by USEPA. The amendment updates emission limits and references to regulations, changes the rule organization format and updates the rule references with regard to facility name changes, consent agreements, etc. The rulemaking also clarifies applicability of sources subject to New Source Performance Standards and this rule, and includes an exemption for combustion equipment that produces less than 150 pounds per day of any air contaminant for consistency with the operating permit rule exemptions. The amendment updates the rule to correct inaccurate regulated source information (e.g. facility name changes, etc.), and provides an exemption for natural gas fueled combustion and revises NSPS exemption to assure NSPS sources are subject to sulfur limits. The Department had planned to make a proposal by October 2003. The proposal was published 11/03/03. A hearing will be held 12/04/03 with comments due 12/11/03. The proposal can be viewed at <http://www.sos.mo.gov/adrules/moreg/current/2003/v28n21/v28n21b.pdf>. For additional information, please contact Paul Myers (573) 751-4817.

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## NEBRASKA

## Legislative/Regulatory Activity

### STATE OF NEBRASKA PROPOSED LEGISLATION

(UPDATE) **Nebraska Interim Study on Groundwater Regulations 102 – Groundwater.** The Unicameral's Natural Resources Committee has been charged with examining evolving issues regarding the regulation of surface water and ground water in Nebraska and how these matters may impact the staffing and technological needs of the Department of Natural Resources. This study was requested by Senator Ed Schrock (I). The Committee has scheduled its first hearing on the study for December 4.

(UPDATE) **Nebraska Interim Study on Recycling Hazardous Wastes into Fertilizer 105 - Hazardous Waste.** The Agriculture Committee has been charged with studying the recycling of hazardous wastes into fertilizers. The study will include an examination of whether or not fertilizers sold and used in Nebraska contain hazardous wastes and an examination of the costs and benefits of banning the use of hazardous wastes for manufacturing fertilizers. Additionally, the Committee has been charged with an analysis of whether or not expanded right-to-know provisions should be enacted for all hazardous wastes going into fertilizers. This study was requested by Senator Donald Preister (I). A joint meeting of the Natural Resources Committee and Agriculture Committee regarding this study was scheduled for November 20. The agenda is unavailable at this time.

(UPDATE) **Nebraska Interim Study on the Nebraska Environmental Trust 98 – Environmental Administrative Procedure.** The Unicameral's Natural Resources Committee has been charged with examining the Nebraska Environmental Trust as it relates to the following: (1) The cost of unmet conservation needs in the state; (2) The future stability of the state lottery as the primary funding source of the trust; (3) Methods to leverage additional private and public funds for the trust; (4) The grant-awarding process; (5) Economic benefits to communities derived from trust grants; (6) Composition of the board of directors; (7) Deviations from the original purpose of the grant awards program of the trust; and (8) Protection of the trust funds from diversion to budget deficit needs. This study was requested by Senator Ed Schrock (I). The Committee has scheduled its first hearing on the study for December 4.

## **OTHER REGULATORY ACTIVITY**

**New Rules For On-site Wastewater Systems Effective 1 January 2004.** As of January 1, 2004, state law will require that all work performed on private on-site wastewater treatment systems (septic systems and individual lagoons) must be carried out or supervised by professional engineers or persons certified by the Department of Environmental Quality. DEQ is now accepting applications for certification. The new rules affecting on-site wastewater treatment systems resulted from the passage of LB94 in the 2003 legislative session. LB94 required DEQ to implement an on-site wastewater system contractors certification program due to concerns about potential pollution to land and water by improperly sited, constructed, repaired, and maintained septic systems and individual lagoons. DEQ has incorporated the LB94 requirements into Title 124 – Rules and Regulations for the Design, Operation, and Maintenance of On-Site Wastewater Treatment Systems. LB94 requires that anyone who sites, lays out, constructs, reconstructs, alters, modifies, repairs, inspects or pumps on-site wastewater treatment systems must register with DEQ to become certified to perform this work. To become certified, individuals must submit an application and a \$300 fee, and also provide a sworn affidavit of at least 12 months experience prior to August 31, 2003. Following DEQ approval, the applicant will receive a provisional certificate good through December 31, 2005. *Additional information is available on the DEQ website [www.deq.state.ne.us](http://www.deq.state.ne.us), or by calling the Wastewater Technical Assistance Unit at (402) 471-2186 or toll free at (877-253-2603).*

**Clarification on Open Burning: What is and what is not allowed.** Since 1980, Nebraska state statutes have placed a ban on all bonfires, outdoor rubbish fires, and fires for the purpose of clearing land throughout the state. This may only be waived by the issuance of a burn permit by the local fire chief, or his/her designee. There are numerous safety issues to be considered in the issuance of this permit, including weather conditions and location of the burn to ensure that the fire does not spread or cause harm to the public. It is therefore essential that a permit be sought from the local fire officials in any situation that involves outdoor burning, excluding cookouts and campfires. Any law enforcement officer, upon discovering an open burn that has not had a local burn permit issued, may have the responsible party cited for burning without a permit. Burning without a permit carries a fine of \$100 to \$500. In many situations, a state burn permit is also required from the Nebraska Department of Environmental Quality. NDEQ's primary focus in these permits is to ensure the environment is being protected. As stated previously, only limbs, vegetation and untreated wood are permissible to burn. Even if the proper local and state permits have been obtained, the agency can also pursue penalties if non-permitted materials are being burned at the site. *For more information, contact Brian McManus, DEQ (402) 471-4223, or Ray Nance, SFM (402) 471-3183.*

**Federal Air Rule Changes Won't Occur in Nebraska for Three Years.** Several months ago, the U.S. Environmental Protection Agency (EPA) announced changes in some air quality laws known as the New Source Review, or NSR, rules. However, state officials are cautioning Nebraska businesses and industries that they should not implement plans based on these new rules yet. In fact, it is likely that the changes will not be implemented in Nebraska until 2006. Many in the power generation and other industries view these changes to be beneficial. EPA states that these changes will "offer facilities greater flexibility to improve and modernize their operations in ways that will reduce energy use and air pollution, provide incentives to install state-of-the-art pollution controls, and more accurately calculate actual emissions of pollution." Shelley Kaderly, DEQ Air Division Administrator, stressed that industries in Nebraska need to first understand that these changes have not yet arrived in Nebraska, and that the specific provisions might be different and that comments will be sought from the affected industries and the interested public, as the state reviews the NSR rule changes and develops the State Implementation Plan. For more information, please contact Shelley Kaderly at (402) 471-4299 or e-mail [Shelley.Kaderly@NDEQ.State.NE.US](mailto:Shelley.Kaderly@NDEQ.State.NE.US).

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### **Acronyms and Abbreviations**

ACSIM = Assistant Chief of Staff for Installation Management  
ADEQ = Arkansas Department of Environmental Quality  
AEA = Atomic Energy Act of 1954  
AEDB = Army Environmental Database  
AFCEE = U.S. Air Force Center for Environmental Excellence  
AFIT = Air Force Institute of Technology  
AIMO = Associated Industries of Missouri  
ANPR = Advance Notice of Proposed Rulemaking  
ANSI = American National Standards Institute  
APA = American Planning Association



AQCR = Air Quality Control Region  
 AQI = Air Quality Index  
 AST = aboveground storage tank  
 ASTM = American Society for Testing and Materials  
 ASTSWMO = Association of State and Territorial Solid Waste Management Officials  
 ATV = all-terrain vehicle  
 AWMA = Air & Waste Management Association  
 BAT = best available technology  
 BIA = Bureau of Indian Affairs  
 BOR = Bureau of reclamation  
 BRAC = Base Realignment and Closure  
 CAA = Clean Air Act  
 CADD = computer-aided design and drafting  
 CAM = compliance assurance monitoring  
 CAMU = corrective action management unit  
 CARB = California Air Resources Board  
 CBT = computer-based training  
 CCAR = Coordinating Committee for Automotive Repair  
 CCP = Comprehensive Conservation Plan  
 C&D = construction and demolition  
 CECOS = Civil Engineer Corps Officers  
 CEPPO = Chemical Emergency Preparedness and Prevention Office  
 CERCLA = Comprehensive Environmental Response, Compensation and Liability Act  
 CESQG = conditionally exempt small-quantity generator  
 CFC = chlorofluorocarbon  
 CFR = Code of Federal Regulations  
 CHPPM = U.S. Army Center for Health Promotion and Preventative Medicine  
 CINWL = commercial industrial nonhazardous waste landfill  
 CISWI = commercial and industrial solid waste incinerator  
 CO = carbon monoxide  
 CREO = Central Regional Environmental Office  
 CSR = Code of State Regulations  
 CTIC = Conservation Technology Information Center  
 CTT = closing, transferring and transferred ranges  
 CWA = Clean Water Act  
 DAC = Defense Ammunition Center  
 DBP = disinfection byproduct  
 DBPR = Disinfectants and Disinfection Byproducts Rule  
 DEI = Directorate of Environmental Integration  
 DENIX = Defense Environmental Network & Information eXchange  
 DERP = Defense Environmental Restoration Program  
 DFW = Dallas/Fort Worth  
 DNT = dinitrotoluene  
 DoD = U.S. Department of Defense  
 DOE = U.S. Department of Energy  
 DOI = U.S. Department of Interior  
 DOT = U.S. Department of Transportation  
 DRMS = Defense Reutilization and Marketing Service  
 DSMOA = Defense/State Memorandum of Agreement  
 EA = environmental assessment  
 ECAS = Environmental Compliance Assessment System  
 ECHO = Enforcement and Compliance History Online  
 ECOS = Environmental Council of the States  
 ECSR = Environmental Compliance Status Report  
 EIS = environmental impact statement  
 EMR = environmental management review  
 EMS = environmental management system  
 EO = executive order  
 EPA = U.S. Environmental Protection Agency  
 EPAS = Environmental Performance Assessment System

EPCRA = Emergency Planning and Community Right-to-Know Act  
 ER = environmental restoration  
 ERC = Emission Reduction Credit  
 ERTTP = Environmental Response Training Program  
 ETMD = Environmental Training and Management Division  
 EVR = Enhanced Vapor Recovery  
 FAA = Federal Aviation Administration  
 FEIS = Final Environmental Impact Statement  
 FIFRA = Federal Insecticide, Fungicide and Rodenticide Act  
 FFEO = Federal Facilities Enforcement Office  
 FM = facilities management  
 FR = Federal Register  
 FS = Feasibility Study  
 FUDS = Formerly Used Defense Sites  
 FY = fiscal year  
 GAO = General Accounting Office  
 GCP = general construction permit  
 GIS = geographic information system  
 gpd = gallons per day  
 GSA = General Services Administration  
 HAP = hazardous air pollutant  
 HAZMAT = hazardous materials  
 HAZWOPER = Hazardous Waste Operations and Emergency Response  
 HB = House Bill  
 HGA = Houston/Galveston Area  
 HJR = House Joint Resolution  
 HM = hazardous material  
 HMIRS = Hazardous Materials Information Resource System  
 HMIWI = hospital/medical/infectious waste incinerator  
 HMX = high melting point explosive  
 HQ = headquarters  
 HRVOC = highly-reactive volatile organic compounds  
 HSB = House Study Bill  
 HTRW = hazardous/toxic and radioactive waste  
 IAC = Iowa Administrative Code  
 IBR = Incorporated By Reference  
 IDNR = Iowa Department of Natural Resources  
 IESWTR = Interim Enhanced Surface Water Treatment Rule  
 I&M = inspection and maintenance  
 IMI = Installation Management Institute  
 INSTEP = International Society of Technical and Environmental Professionals  
 ISEERB = Interservice Environmental Education Review Board  
 ISO = International Organization for Standardization  
 ISR = Installation Status Report  
 ITAM = Integrated Training Area Management  
 ITRC = Interstate Technology Regulatory Council  
 JRTC = Joint Readiness Training Center  
 KAR = Kansas Administrative Rules  
 KCMA = Kansas City Metropolitan Area  
 KDA = Kansas Department of Agriculture  
 KDHE = Kansas Department of Health and Environment  
 kW = kilowatt  
 LAC = Louisiana Administrative Code  
 LAMW = low-activity mixed waste  
 LANL = Los Alamos National Laboratory  
 LB = legislative bill  
 LDEQ = Louisiana Department of Environmental Quality  
 LDR = land disposal restriction  
 LLRW = low level radioactive waste  
 LPDES = Louisiana Pollutant Discharge Elimination System

LPST = leaking petroleum storage tank  
 LQG = large quantity generator  
 LT1ESWTR = Long Term 1 Enhanced Surface Water Treatment Rule  
 LT2ESWTR = Long Term 2 Enhanced Surface Water Treatment Rule  
 LUC = land use control  
 LUST = leaking underground storage tank  
 MACT = maximum achievable control technology  
 MCL = maximum contaminant level  
 MCLG = maximum contaminant level goal  
 MDNR = Missouri Department of Natural Resources  
 MDS = minimum desirable streamflow  
 MSDS = Material Safety Data Sheet  
 MEG = Military Environmental Group  
 MEK = methyl ethyl ketone  
 mg/L = milligram per liter  
 mg/yr = megagrams per year  
 MMR = Military Munitions Rule  
 mph = mile per hour  
 MP&M = metal products and machinery  
 M2R = Military Munitions Rule  
 mrem = millirem  
 mrem/yr = millirem per year  
 MRDLGs = maximum residual disinfectant level goals  
 MS4 = municipal separate storm sewer system  
 MSDS = material safety data sheet  
 MSWG = Multi-State Working Group  
 MSWLF = municipal solid waste landfill  
 MSWTS = municipal solid waste transfer station  
 MTBE = methyl tertiary butyl ether  
 MVECP = Motor Vehicle and Engine Compliance Program  
 MVEB = Motor Vehicle Emission Budget  
 MWC = municipal waste combustion  
 NAAQS = National Ambient Air Quality Standard  
 NAICS = North American Industry Classification System  
 NDEQ = Nebraska Department of Environmental Quality  
 NDIA = National Defense Industrial Association  
 NEPA = National Environmental Policy Act  
 NESHAP = National Emission Standards for Hazardous Air Pollutants  
 NFPA = National Fire Protection Association  
 NGWA = National Ground Water Association  
 NHPA = National Historic Preservation Act  
 NMAC = New Mexico Administrative Code  
 NMED = New Mexico Environment Department  
 NOx = nitrogen oxides  
 NORM = naturally occurring radioactive material  
 NPDES = National Pollutant Discharge Elimination System  
 NRC = Nuclear Regulatory Commission  
 NREO = Northern Regional Environmental Office  
 NREP = National Registry of Environmental Professionals  
 NSP = new source performance  
 NSR = new source review  
 OAC = Oklahoma Administrative Code  
 ODEQ = Oklahoma Department of Environmental Quality  
 OE = ordnance and explosives  
 OFR = Office of the Federal Register  
 OMB = Office of Management and Budget  
 OMEG = Oklahoma Military Environmental Group  
 ORVR = onboard refueling vapor recovery  
 OSHA = Occupational Safety and Health Administration  
 OSPRA = Oil Spill Prevention and Response Act

OSSF = on-site sewage facility  
 OSWER = Office of Solid Waste and Emergency Response  
 P2 = pollution prevention  
 PASS = Permit Application Software System  
 PAL = plant-wide applicability limitation  
 PBR = permit by rule  
 PBT = persistent bioaccumulative toxin  
 PCB = polychlorinated biphenyl  
 pCi/L = picocurie per liter  
 PEMS = Predictive Emission Monitoring Systems  
 PER = Permitting for Environmental Results  
 P.L. = public law  
 PM = particulate matter  
 POC = point of contact  
 POM = Program Objective Memorandum  
 POTW = publicly owned treatment works  
 ppb = part per billion  
 ppm = part per million  
 PRP = potentially responsible party  
 PSD = prevention of significant deterioration  
 PST = petroleum storage tank  
 PSTTF = Petroleum Storage Tank Trust Fund  
 PTE = potential to emit  
 PWS = public water system  
 RACM = reasonably available control measures  
 RACT = reasonably available control technology  
 RCRA = Resource Conservation and Recovery Act  
 RDX = Royal Demolition eXplosive  
 REC = Regional Environmental Coordinator  
 REGFORM = Regulatory Environmental Group for Missouri  
 RFG = reformulated gasoline  
 RI = remedial investigation  
 RICE = reciprocating internal combustion engine  
 ROD = record of decision  
 SAME = Society of American Military Engineers  
 SB = Senate Bill  
 SDWA = Safe Drinking Water Act  
 SDWIS = Safe Drinking Water Information System  
 SERDP = Strategic Environmental Research and Development Program  
 SIC = Standard Industrial Classification  
 SIP = State Implementation Plan  
 SM = Senate Measure  
 SPCC = Spill Prevention, Control, and Countermeasure  
 SQG = small quantity generator  
 SREO = Southern Regional Environmental Office  
 TAC = Texas Administrative Code  
 TBD = to be determined  
 TCEQ = Texas Commission on Environment Quality  
 TCM = transportation control measure  
 TDS = total dissolved solids  
 TERP = Texas Emissions Reduction Plan  
 TIM = Transformation of Installation Management  
 TMDL = total maximum daily load  
 TPDES = Texas Pollutant Discharge Elimination System  
 TRI = Toxics Release Inventory  
 TRI-DDS = Toxics Release Inventory – Data Delivery System  
 TRRP = Texas Risk Reduction Program  
 TSCA = Toxic Substances Control Act  
 tpy = tons per year  
 TNT = trinitrotoluene

TXEP = Texas Environmental Partnership  
UIC = underground injection control  
USACE = U.S. Army Corps of Engineers  
USAEC = U.S. Army Environmental Center  
U.S.C. = United States Code  
USFWS = U.S. Fish and Wildlife Service  
USGS = U.S. Geological Survey  
UST = underground storage tank  
UXO = unexploded ordnance  
VOC = volatile organic compound  
WET = whole effluent toxicity  
WMM = waste military munitions  
WQBEL = water quality-based effluent limit  
WQMP = Water Quality Management Plan  
WREO = Western Regional Environmental Office  
ug/L = microgram per liter

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